



App. No. 09/788,266
Reply to Examiner's Telephonic Interview
Summary dated December 18, 2003
Atty. Dkt. No. HR-63621

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Primary Examiner
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Technology Center 2600

21/36

(Currently Amended) An automatic pet door comprising:

a casing defining a door opening;

a panel movably connected to said casing within said door opening;

a motor attached to said casing;

a cable having a first cable end attached to said motor and having a second cable end attached to said panel;

a signaling means worn by a pet, said motor selectively moving said panel to open said door in response to said signaling means;

said motor having a rotatable drive shaft to which a spool is attached wherein said first cable end is attached to said spool so that said cable is wound around said spool during operation of said motor;

a locking pin releasably connected to said panel and having an attachment end and a free end, said second cable end being attached to said attachment end of said locking pin; and

said casing including a locking pin hole and further comprising a means for biasing said free end into said locking pin hole, said biasing means being attached to said panel.

37-39. (Canceled)

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cont.

40. (Currently Amended) ^{New} The door of claim 36 further comprising an pulley attached to said panel, said second cable end being threaded through said pulley and being attached to said attachment end of said locking pin.

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2341. ^{New} (~~Currently Amended~~) The door of claim 36 wherein said door is in an open position when a predetermined length of said cable is wound around said spool, and said locking pin is disengaged from said locking pin hole.

24 42. ^{New} (~~Previously Presented~~) ²³ The door of claim 41 wherein said door has a closed position when said predetermined length of said cable is unwound from said spool and said locking pin is in said locking pin hole.

25 43. ^{New} (~~Previously Presented~~) ²⁴ The door of claim 42 wherein said panel moves from said open position to said closed position within said door opening by the force of gravity when said motor is deactivated.

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Cmbd. 44. ^{New} (~~Currently Amended~~) A pet door comprising:
a panel;
a casing defining a door opening, said panel being slidably mounted to said casing for movement within said door opening;

a drive means for selectively moving said panel; said drive means including a motor attached to said casing and a cable having a first cable end attached to said motor and a second cable end attached to said panel;

a transmitter means attached to a pet, which activates said drive means only when said pet is facing said door;

a locking pin movably connected to said panel and having an attachment end and a free end, said second cable end being attached to said attachment end; and

said casing including a locking pin hole with said free end being insertable into said locking pin hole, said locking pin including a biasing means for urging said free end into said locking pin hole.

45-47. (Canceled)

27 ^{New} 48. (~~Currently Amended~~) ²⁶ The door of claim 44 wherein said motor has a drive shaft to which a spool is attached wherein said door is in an open position when a predetermined length of said cable is substantially wound around said spool and said locking pin is disengaged from said locking pin hole.

28 ^{New} 49. (~~Currently Amended~~) ²⁶ The door of claim 44 wherein said door has a closed position when said predetermined length of said cable is unwound from said spool and said locking pin extends into said locking pin hole.

29 ^{New} 50. (~~Currently Amended~~) ²⁶ The door of claim 44 wherein said transmitter means emits a directional ultrasonic output in a forward direction and a downward direction from said pet and further comprising a receiving means electrically connected to said motor for receiving said directional ultrasonic output.